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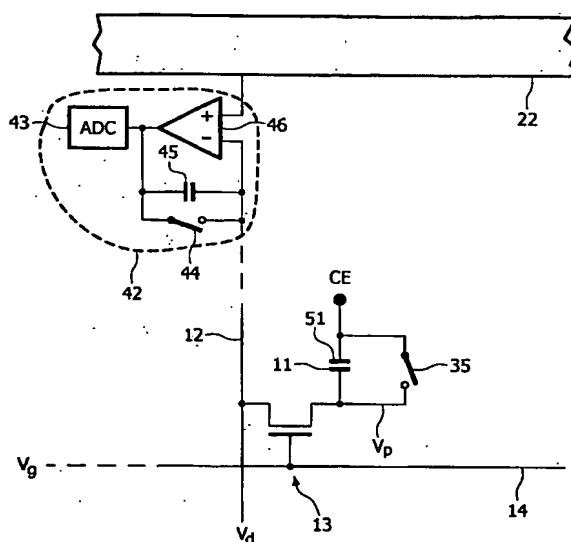
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(54) Title: TOUCH-INPUT ACTIVE MATRIX DISPLAY DEVICE



(57) Abstract: An active matrix display device having touch input functionality is provided. The device comprises a plurality of pixels arranged in a row and column array, each pixel comprising a pixel electrode (11) to which data voltages can be supplied by an associated data conductor (12) via a respective thin film transistor (13) having a drain terminal connected to the pixel electrode. The pixels each further comprise a body (30;70;80) which electrically connects the associated pixel electrode to another electrode (51;14) in response to touch-input to the pixel, the connection being detectable via the associated data conductor. The circuitry used to address the display can also be used to detect any touch-input to the display, including pressure-sensitive and optical touch-input. This advantageously eliminates the requirement for extra conductors to perform the touch-input detection.



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